Author Index

Al-Mehdi, A.B., Dodia, C., Jain, M.K. and Fisher, A.B.
A phospholipase A_2 inhibitor decreases generation of thiobarbituric acid reactive substance during lung ischemia-reperfusion (1167) 56
Arakawa, K., see Saku, K. (1167) 257
Asagami, C., see Hamanaka, S. (1167) 1

Bai, H., see Saku, K. (1167) 257
Ballantine, J.A., see Carpenter, K.L.H. (1167) 121
Baltzell, J.K., Jenkins, R.L., Wooten, J.T. and Otto, D.A.
Dependence of the plasma triacylglycerol-lowering effect of fish oil on insulin replacement in streptozotocin diabetic rats (1167) 197
Bar-Natan, R., see Lomnitski, L. (1167) 331
Barter, P.J., see Rye, K.-A. (1167) 316
Berge, R.K., see Skorve, J. (1167) 175
Besra, G.S., see Wheeler, P.R. (1167) 182
Borgström, B., see Duan, R.-D. (1167) 326
Bremer, J., see Skrede, S. (1167) 189
Burmester, J.K., see Darwish, H.M. (1167) 29

Cambon, C., see M'Rini-Puel, C. (1167) 165
Carpenter, K.L.H., Taylor, S.E., Ballantine, J.A., Fussell, B., Halliwell, B. and Mitchinson, M.J.
Lipids and oxidised lipids in human atheroma and normal aorta (1167) 121
Castrillón, L., see Panduro, A. (1167) 37
Chatterjee, S.
Regulation of synthesis of lactosylceramide in normal and tumor proximal tubular cells (1167) 339
Chinen, I., see Oku, H. (1167) 22
Christensen, E., see Woldseth, B. (1167) 296
Christophersen, B.O., see Woldseth, B. (1167) 296
Cohen, L.H., see De Vries, A.C.J. (1167) 63
Collet, C. and Joseph, R.
A novel member of the lipocalin superfamily: tammar wallaby late-lactation protein (1167) 219
Compagnon, D., Lagos, N. and Vergara, J.
Phosphoinositides in giant barnacle muscle fibers: a quantitative analysis at rest and following electrical stimulation (1167) 94
Crastes de Paulet, A., see Poisson, J.-P. (1167) 109
Crommelin, D.J.A., see Grit, M. (1167) 49

Darwish, H.M., Burmester, J.K., Moss, V.E. and DeLuca, H.F.
Phosphorylation is involved in transcriptional activation by the 1,25-dihydroxyvitamin D_3 receptor (1167) 29
Deems, R.A., see Stafford, R.E. (1167) 43
De Haas, G.H., Dijkman, R., Lugtigheid, R.B., Dekker, N., Van den Berg, L., Egmond, M.R. and Verheij, H.M.
Competitive inhibition of lipolytic enzymes. IX. A comparative study on the inhibition of pancreatic phospholipases A_2 from different sources by (*R*)-2-acylamino phospholipid analogues (1167) 281
Dekker, N., see De Haas, G.H. (1167) 281
DeLuca, H.F., see Darwish, H.M. (1167) 29
Dennis, E.A., see Reynolds, L.J. (1167) 272
Dennis, E.A., see Stafford, R.E. (1167) 43
Descomps, B., see Poisson, J.-P. (1167) 109
De Vries, A.C.J. and Cohen, L.H.
Different effects of the hypolipidemic drugs pravastatin and lovastatin on the cholesterol biosynthesis of the human ocular lens in organ culture and on the cholesterol content of the rat lens in vivo (1167) 63
Dierick, W., see Van Dessel, G. (1167) 307
Dijkman, R., see De Haas, G.H. (1167) 281
Dodia, C., see Al-Mehdi, A.B. (1167) 56
Dolnikowski, G.G., see Wang, X.-D. (1167) 159
Duan, R.-D. and Borgström, B.
Is there a specific lysophospholipase in human pancreatic juice? (1167) 326
Dupuy, R.-P., see Poisson, J.-P. (1167) 109

Egmond, M.R., see De Haas, G.H. (1167) 281
Eisenberg, S.
The effects of probucol on the levels, structure, composition and metabolism of plasma lipoprotein in rats (1167) 79
Endo, A., see Hasumi, K. (1167) 155
Endo, A., see Shinohara, C. (1167) 303
Engels, W., see Van Haaster, C.M.C.J. (1167) 147

Fidge, N., see Mitchell, A. (1167) 9
Fisher, A.B., see Al-Mehdi, A.B. (1167) 56
Forgue, M.-F., see M'Rini-Puel, C. (1167) 165
Fox, J.G., see Wang, X.-D. (1167) 159
Fussell, B., see Carpenter, K.L.H. (1167) 121

Gardner, M.F., see Huterer, S.J. (1167) 204
Garrety, K.H., see Rye, K.-A. (1167) 316
Geelen, M.J.H., see Guzmán, M. (1167) 227
Ghiselli, G., see Gigli, M. (1167) 211
Gigli, M., Ghiselli, G., Torri, G., Naggi, A. and Rizzo, V.
A comparative study of low-density lipoprotein interaction with glycosaminoglycans (1167) 211
Gobran, L.I., see Griese, M. (1167) 85
Gómez-Coronado, D., Sáez, G.T., Lasunción, M.A. and Herrera, E.
Different hydrolytic efficiencies of adipose tissue lipoprotein lipase on very-low-density lipoprotein subfractions separated by heparin-Sepharose chromatography (1167) 70
González, L., see Panduro, A. (1167) 37
Griese, M., Gobran, L.I. and Rooney, S.A.
Signal-transduction mechanisms of ATP-stimulated phosphatidylcholine secretion in rat type II pneumocytes: interactions between ATP and other surfactant secretagogues (1167) 85
Griffiths, P., see Mitchell, A. (1167) 9
Grit, M. and Crommelin, D.J.A.
The effect of surface charge on the hydrolysis kinetics of partially hydrogenated egg phosphatidylcholine and egg phosphatidylglycerol in aqueous liposome dispersions (1167) 49
Grossman, S., see Lomnitski, L. (1167) 331
Guzmán, M. and Geelen, M.J.H.
Regulation of fatty acid oxidation in mammalian liver (1167) 227

Author Index

Al-Mehdi, A.B., Dodia, C., Jain, M.K. and Fisher, A.B.
A phospholipase A_2 inhibitor decreases generation of thiobarbituric acid reactive substance during lung ischemia-reperfusion (1167) 56
Arakawa, K., see Saku, K. (1167) 257
Asagami, C., see Hamanaka, S. (1167) 1

Bai, H., see Saku, K. (1167) 257
Ballantine, J.A., see Carpenter, K.L.H. (1167) 121
Baltzell, J.K., Jenkins, R.L., Wooten, J.T. and Otto, D.A.
Dependence of the plasma triacylglycerol-lowering effect of fish oil on insulin replacement in streptozotocin diabetic rats (1167) 197
Bar-Natan, R., see Lomnitski, L. (1167) 331
Barter, P.J., see Rye, K.-A. (1167) 316
Berge, R.K., see Skorve, J. (1167) 175
Besra, G.S., see Wheeler, P.R. (1167) 182
Borgström, B., see Duan, R.-D. (1167) 326
Bremer, J., see Skrede, S. (1167) 189
Burmester, J.K., see Darwish, H.M. (1167) 29

Cambon, C., see M'Rini-Puel, C. (1167) 165
Carpenter, K.L.H., Taylor, S.E., Ballantine, J.A., Fussell, B., Halliwell, B. and Mitchinson, M.J.
Lipids and oxidised lipids in human atheroma and normal aorta (1167) 121
Castrillón, L., see Panduro, A. (1167) 37
Chatterjee, S.
Regulation of synthesis of lactosylceramide in normal and tumor proximal tubular cells (1167) 339
Chinen, I., see Oku, H. (1167) 22
Christensen, E., see Woldseth, B. (1167) 296
Christophersen, B.O., see Woldseth, B. (1167) 296
Cohen, L.H., see De Vries, A.C.J. (1167) 63
Collet, C. and Joseph, R.
A novel member of the lipocalin superfamily: tammar wallaby late-lactation protein (1167) 219
Compagnon, D., Lagos, N. and Vergara, J.
Phosphoinositides in giant barnacle muscle fibers: a quantitative analysis at rest and following electrical stimulation (1167) 94
Crastes de Paulet, A., see Poisson, J.-P. (1167) 109
Crommelin, D.J.A., see Grit, M. (1167) 49

Darwish, H.M., Burmester, J.K., Moss, V.E. and DeLuca, H.F.
Phosphorylation is involved in transcriptional activation by the 1,25-dihydroxyvitamin D_3 receptor (1167) 29
Deems, R.A., see Stafford, R.E. (1167) 43
De Haas, G.H., Dijkman, R., Lugtigheid, R.B., Dekker, N., Van den Berg, L., Egmond, M.R. and Verheij, H.M.
Competitive inhibition of lipolytic enzymes. IX. A comparative study on the inhibition of pancreatic phospholipases A_2 from different sources by (*R*)-2-acylamino phospholipid analogues (1167) 281
Dekker, N., see De Haas, G.H. (1167) 281
DeLuca, H.F., see Darwish, H.M. (1167) 29
Dennis, E.A., see Reynolds, L.J. (1167) 272
Dennis, E.A., see Stafford, R.E. (1167) 43
Descomps, B., see Poisson, J.-P. (1167) 109
De Vries, A.C.J. and Cohen, L.H.
Different effects of the hypolipidemic drugs pravastatin and lovastatin on the cholesterol biosynthesis of the human ocular lens in organ culture and on the cholesterol content of the rat lens in vivo (1167) 63
Dierick, W., see Van Dessel, G. (1167) 307
Dijkman, R., see De Haas, G.H. (1167) 281
Dodia, C., see Al-Mehdi, A.B. (1167) 56
Dolnikowski, G.G., see Wang, X.-D. (1167) 159
Duan, R.-D. and Borgström, B.
Is there a specific lysophospholipase in human pancreatic juice? (1167) 326
Dupuy, R.-P., see Poisson, J.-P. (1167) 109

Egmond, M.R., see De Haas, G.H. (1167) 281
Eisenberg, S.
The effects of probucol on the levels, structure, composition and metabolism of plasma lipoprotein in rats (1167) 79
Endo, A., see Hasumi, K. (1167) 155
Endo, A., see Shinohara, C. (1167) 303
Engels, W., see Van Haaster, C.M.C.J. (1167) 147

Fidge, N., see Mitchell, A. (1167) 9
Fisher, A.B., see Al-Mehdi, A.B. (1167) 56
Forgue, M.-F., see M'Rini-Puel, C. (1167) 165
Fox, J.G., see Wang, X.-D. (1167) 159
Fussell, B., see Carpenter, K.L.H. (1167) 121

Gardner, M.F., see Huterer, S.J. (1167) 204
Garrety, K.H., see Rye, K.-A. (1167) 316
Geelen, M.J.H., see Guzmán, M. (1167) 227
Ghiselli, G., see Gigli, M. (1167) 211
Gigli, M., Ghiselli, G., Torri, G., Naggi, A. and Rizzo, V.
A comparative study of low-density lipoprotein interaction with glycosaminoglycans (1167) 211
Gobran, L.I., see Griese, M. (1167) 85
Gómez-Coronado, D., Sáez, G.T., Lasunción, M.A. and Herrera, E.
Different hydrolytic efficiencies of adipose tissue lipoprotein lipase on very-low-density lipoprotein subfractions separated by heparin-Sepharose chromatography (1167) 70
González, L., see Panduro, A. (1167) 37
Griese, M., Gobran, L.I. and Rooney, S.A.
Signal-transduction mechanisms of ATP-stimulated phosphatidylcholine secretion in rat type II pneumocytes: interactions between ATP and other surfactant secretagogues (1167) 85
Griffiths, P., see Mitchell, A. (1167) 9
Grit, M. and Crommelin, D.J.A.
The effect of surface charge on the hydrolysis kinetics of partially hydrogenated egg phosphatidylcholine and egg phosphatidylglycerol in aqueous liposome dispersions (1167) 49
Grossman, S., see Lomnitski, L. (1167) 331
Guzmán, M. and Geelen, M.J.H.
Regulation of fatty acid oxidation in mammalian liver (1167) 227

Hagaman, K.A., see McLean, L.R. (1167) 289
Halliwell, B., see Carpenter, K.L.H. (1167) 121
Hamanaka, S., Takemoto, T., Hamanaka, Y., Asagami, C., Suzuki, M., Suzuki, A. and Otsuka, F.
Structure determination of glycosphingolipids of cultured human keratinocytes (1167) 1
Hamanaka, Y., see Hamanaka, S. (1167) 1
Hasumi, K., Naganuma, S., Koshizawa, J., Mogi, H. and Endo, A.
Stimulation of acyl-CoA:cholesterol acyltransferase activity by brefeldin A in macrophage J774 cells (1167) 155
Hasumi, K., see Shinohara, C. (1167) 303
Hayashi, K., Kurokawa, J.-i., Nomura, S., Kuga, Y., Ohkura, Y. and Kajiyama, G.
Effect of fluvastatin sodium (XU62-320), a new inhibitor of 3-hydroxy-3-methylglutaryl coenzyme A reductase, on the induction of low-density lipoprotein receptor in HepG2 cells (1167) 223
Herrera, E., see Gómez-Coronado, D. (1167) 70
Hilderson, H.J., see Van Dessel, G. (1167) 307
Hirata, K., see Saku, K. (1167) 257
Hornstra, G., see Van Haaster, C.M.C.J. (1167) 147
Horrocks, L.A., see Murphy, E.J. (1167) 131
Hostetler, K.Y., see Huterer, S.J. (1167) 204
Hughes, L.L., see Reynolds, L.J. (1167) 272
Huterer, S.J., Hostetler, K.Y., Gardner, M.F. and Wherrett, J.R.
Lysosomal phosphatidylcholine : *bis*(monoacylglycero)phosphate acyltransferase: Specificity for the $sn-1$ fatty acid of the donor and co-purification with phospholipase A_1 (1167) 204

Ishikawa, M., see Oku, H. (1167) 22

Jain, M.K., see Al-Mehdi, A.B. (1167) 56
Jareonkitmongkol, S., Shimizu, S. and Yamada, H.
Occurrence of two nonmethylene-interrupted Δ^5 polyunsaturated fatty acids in a Δ^6-desaturase-defective mutant of the fungus *Mortierella alpina* 1S-4 (1167) 137
Jenkins, R.L., see Baltzell, J.K. (1167) 197
Joseph, R., see Collet, C. (1167) 219

Kajiyama, G., see Hayashi, K. (1167) 223
Kajiyama, G., see Tao, S. (1167) 142
Kiran Kumar, Y.V., Raghunathan, A., Sailesh, S., Prasad, M., Vemuri, M.C. and Reddanna, P.
Differential effects of 15-HPETE and 15-HETE on BHK-21 cell proliferation and macromolecular composition (1167) 102
Koshizawa, J., see Hasumi, K. (1167) 155
Kramer, R.M., see Reynolds, L.J. (1167) 272
Krinsky, N.I., see Wang, X.-D. (1167) 159
Kuga, Y., see Hayashi, K. (1167) 223
Kurokawa, J.-i., see Hayashi, K. (1167) 223

Lagos, N., see Compagnon, D. (1167) 94
Lagrou, A., see Van Dessel, G. (1167) 307
Lasunción, M.A., see Gómez-Coronado, D. (1167) 70
Lemmens, P.J.M.R., see Van Haaster, C.M.C.J. (1167) 147
Lê Quôc, D., see Tavernier, E. (1167) 242
Lê Quôc, K., see Tavernier, E. (1167) 242
Liu, R., see Saku, K. (1167) 257
Lomnitski, L., Bar-Natan, R., Sklan, D. and Grossman, S.
The interaction between β-carotene and lipoxygenase in plant and animal systems (1167) 331
Louis, A.I., see Reynolds, L.J. (1167) 272
Lugtigheid, R.B., see De Haas, G.H. (1167) 281

Marini, R.P., see Wang, X.-D. (1167) 159
McLean, L.R. and Hagaman, K.A.
Kinetics of the interaction of amphipathic α-helical peptides with phosphatidylcholines (1167) 289
Minnikin, D.E., see Wheeler, P.R. (1167) 182
Mitchell, A., Fidge, N. and Griffiths, P.
The effect of the HMG-CoA reductase inhibitor simvastatin and of cholestyramine on hepatic apolipoprotein mRNA levels in the rat (1167) 9
Mitchinson, M.J., see Carpenter, K.L.H. (1167) 121
Mogi, H., see Hasumi, K. (1167) 155
Morimoto, Y., see Saku, K. (1167) 257
Moss, V.E., see Darwish, H.M. (1167) 29
M'Rini-Puel, C., Thardin, J.-F., Forgue, M.-F., Cambon, C., Seguelas, M.-H. and Pipy, B.
Arachidonic acid metabolism of rat peritoneal macrophages after passive sensitization and allergen challenge (1167) 165
Murphy, E.J. and Horrocks, L.A.
Effects of differentiation on the phospholipid and phospholipid fatty acid composition of N1E-115 neuroblastoma cells (1167) 131

Naganuma, S., see Hasumi, K. (1167) 155
Nagata, J., see Oku, H. (1167) 22
Naggi, A., see Gigli, M. (1167) 211
Narce, M., see Poisson, J.-P. (1167) 109
Nomura, S., see Hayashi, K. (1167) 223

Ohkubo, K., see Saku, K. (1167) 257
Ohkura, Y., see Hayashi, K. (1167) 223
Oku, H., Ishikawa, M., Nagata, J., Toda, T. and Chinen, I.
Lipoprotein and apoprotein profile of Japanese quail (1167) 22
Otsuka, F., see Hamanaka, S. (1167) 1
Otto, D.A., see Baltzell, J.K. (1167) 197

Panduro, A., Castrillón, L., González, L. and Shafritz, D.A.
Regulation of hepatic and non-hepatic apolipoprotein A-I and E gene expression during liver regeneration (1167) 37
Pipy, B., see M'Rini-Puel, C. (1167) 165
Poisson, J.-P., Dupuy, R.-P., Sarda, P., Descomps, B., Narce, M., Rieu, D. and Crastes de Paulet, A.
Evidence that liver microsomes of human neonates desaturate essential fatty acids (1167) 109
Possmayer, F., see Yu, S.-H. (1167) 264
Prasad, M., see Kiran Kumar, Y.V. (1167) 102

Raghunathan, A., see Kiran Kumar, Y.V. (1167) 102
Ratledge, C., see Wheeler, P.R. (1167) 182
Reddanna, P., see Kiran Kumar, Y.V. (1167) 102
Reynolds, L.J., Hughes, L.L., Louis, A.I., Kramer, R.M. and Dennis, E.A.
Metal ion and salt effects on the phospholipase A_2, lysophospholipase, and transacylase activities of human cytosolic phospholipase A_2 (1167) 272
Rieu, D., see Poisson, J.-P. (1167) 109
Rizzo, V., see Gigli, M. (1167) 211
Rooney, S.A., see Griese, M. (1167) 85
Russell, R.M., see Wang, X.-D. (1167) 159
Rye, K.-A., Garrety, K.H. and Barter, P.J.
Preparation and characterization of spheroidal, reconstituted high-density lipoproteins with apolipoprotein A-I only or with apolipoprotein A-I and A-II (1167) 316

Sáez, G.T., see Gómez-Coronado, D. (1167) 70
Sailesh, S., see Kiran Kumar, Y.V. (1167) 102
Saku, K., Liu, R., Ohkubo, K., Bai, H., Hirata, K., Yamamoto, K., Morimoto, Y., Yamada, K. and Arakawa, K.
In vivo conversion of recombinant human proapolipoprotein AI (rh-Met-proapo AI) to apolipoprotein AI in rabbits (1167) 257
Salmon, A., see Wiedmann, T. (1167) 114
Samborski, R.W. and Vance, D.E.
Phosphatidylethanolamine derived from phosphatidylserine is deacylated and reacylated in rat hepatocytes (1167) 15

Sarda, P., see Poisson, J.-P. (1167) 109
Seguelas, M.-H., see M'Rini-Puel, C. (1167) 165
Shafritz, D.A., see Panduro, A. (1167) 37
Shimizu, S., see Jareonkitmongkol, S. (1167) 137
Shinohara, C., Hasumi, K. and Endo, A.
Inhibition of oxidized low-density lipoprotein metabolism in macrophage J774 by helvolic acid (1167) 303
Sklan, D., see Lomnitski, L. (1167) 331
Skorve, J. and Berge, R.K.
The hypocholesterolemic effect of sulfur-substituted fatty acid analogues in rats fed a high carbohydrate diet (1167) 175
Skrede, S. and Bremer, J.
Acylcarnitine formation and fatty acid oxidation in hepatocytes from rats treated with tetradecylthioacetic acid (a 3-thia fatty acid) (1167) 189
Stafford, R.E., Zhang, Y.-Y., Deems, R.A. and Dennis, E.A.
Kinetic analysis and substrate specificity of a lysophospholipase from the macrophage-like cell line P388D_1 (1167) 43
Stern, N. and Tietz, A.
Octadecatetraenoate synthesis in the unicellular alga *Isochrysis galbana*: studies with intact and broken chloroplasts (1167) 248
Suzuki, A., see Hamanaka, S. (1167) 1
Suzuki, M., see Hamanaka, S. (1167) 1

Takemoto, T., see Hamanaka, S. (1167) 1
Tang, G., see Wang, X.-D. (1167) 159
Tao, S., Tazuma, S. and Kajiyama, G.
Fatty acid composition of lecithin is a key factor in bile metastability in supersaturated model bile systems (1167) 142
Tavernier, E., Lê Quôc, D. and Lê Quôc, K.
Lipid composition of the vacuolar membrane of *Acer pseudoplatanus* cultured cells (1167) 242
Taylor, S.E., see Carpenter, K.L.H. (1167) 121
Tazuma, S., see Tao, S. (1167) 142
Thardin, J.-F., see M'Rini-Puel, C. (1167) 165
Tietz, A., see Stern, N. (1167) 248
Toda, T., see Oku, H. (1167) 22
Torri, G., see Gigli, M. (1167) 211

Vance, D.E., see Samborski, R.W. (1167) 15
Van den Berg, L., see De Haas, G.H. (1167) 281
Van der Vusse, G.J., see Van Haaster, C.M.C.J. (1167) 147
Van Dessel, G., Lagrou, A., Hilderson, H.J. and Dierick, W.
Characterization of the in vitro conversion of dolichol to dolichoate in bovine thyroid (1167) 307
Van Haaster, C.M.C.J., Engels, W., Lemmens, P.J.M.R., Hornstra, G. and Van der Vusse, G.J.
Formation of prostanoids and hydroxy fatty acids by stimulated peritoneal mast cells: role of the dietary fat type in rat (1167) 147
Van Roermund, C.W.T., see Wanders, R.J.A. (1167) 345
Vemuri, M.C., see Kiran Kumar, Y.V. (1167) 102
Vergara, J., see Compagnon, D. (1167) 94
Verheij, H.M., see De Haas, G.H. (1167) 281

Wanders, R.J.A. and Van Roermund, C.W.T.
Studies on phytanic acid α-oxidation in rat liver and cultured human skin fibroblasts (1167) 345
Wang, X.-D., Russell, R.M., Marini, R.P., Tang, G., Dolnikowski, G.G., Fox, J.G. and Krinsky, N.I.
Intestinal perfusion of β-carotene in the ferret raises retinoic acid level in portal blood (1167) 159
Wheeler, P.R., Besra, G.S., Minnikin, D.E. and Ratledge, C.
Stimulation of mycolic acid biosynthesis by incorporation of *cis*-tetracos-5-enoic acid in a cell-wall preparation from *Mycobacterium smegmatis* (1167) 182
Wherrett, J.R., see Huterer, S.J. (1167) 204
Wiedmann, T., Salmon, A. and Wong, V.
Phase behavior of mixtures of DPPC and POPG (1167) 114
Woldseth, B., Christensen, E. and Christophersen, B.O.
Incorporation of stearic acid (18:0) and palmitic acid (16:0) in phospholipid molecular species studied in isolated rat liver cells (1167) 296
Wong, V., see Wiedmann, T. (1167) 114
Wooten, J.T., see Baltzell, J.K. (1167) 197

Yamada, H., see Jareonkitmongkol, S. (1167) 137
Yamada, K., see Saku, K. (1167) 257
Yamamoto, K., see Saku, K. (1167) 257
Yu, S.-H. and Possmayer, F.
Adsorption, compression and stability of surface films from natural, lipid extract and reconstituted pulmonary surfactants (1167) 264

Zhang, Y.-Y., see Stafford, R.E. (1167) 43